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papers, which have been commenced, and are now in progress of printing; with the amount of liability of the Academy for what has not yet been paid.

4th. A statement of the terms of any agreement or contract entered into by the Council, with the author or authors of any such paper or essay, and the sum or sums of money advanced on that account.

5th. An account of all medals and rewards adjudged by the Council, and paid to any author for papers and essays, during the said period, from the 17th of March, 1828, to the 17th of March, 1844, with the dates of such payments and delivery.

6th. An account of the debts and liabilities of the Academy at this time, and also of their available assets.

It was moved by Dr. Apjohn,—That the Secretary of Council be requested to provide the Academy, at the next meeting, with the information required in Sir William Betham's notice.

The motion, after discussion, was withdrawn.

The Rev. H. Lloyd laid upon the table of the Academy a magnetical instrument, which had been recently constructed under his direction by Mr. Jones of London, and which he proposed to denominate the "Theodolite Magnetometer."

Much attention had of late been given to the construction of small magnetical instruments, for the use of travelling observers, and many improvements in their form had been effected by Prof. Weber, Mr. Fox, and Lieut. Riddell. Prof. Lamont had also recently adopted magnets of a very small size in all the instruments employed by him in his magnetical observatory, and had stated his conviction of their superiority over the larger magnets hitherto in use. Without entering at present into the grounds of this conviction, in the unlimited form in which it had been asserted